

Om nucleic - nucleic search, using sw model

Run on: March 15, 2003, 15:05:45 ; Search time 495.817 Seconds
 (without alignments) 10973.529 Million cell updates/sec

Title: US-08-978-217-15

Perfect score: 7752

Sequence: 1 GGATCCTTCAAGGCACIGA.....CAGAGGGGCTCCCTGGATCC 7752

Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Searched: 501302 seqs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database : Published Applications NA:*

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 3: /cgn2_6/ptodata/2/pubpna/us06_PUBCOMB.seq,*
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 13: /cgn2_6/ptodata/2/pubpna/us60_NEW_PUB.seq,*
 14: /cgn2_6/ptodata/2/pubpna/us60_PUBCOMB.seq,*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	215.6	2.8	1915	10	US-09-964-824A-101
2	215.6	2.8	1915	10	US-09-964-24A-563
3	215.6	2.8	1915	10	US-09-880-107-3420
4	215.6	2.8	1915	10	US-09-957-768A-192
5	215.6	2.8	1917	9	US-10-025-330-1105
6	215.6	2.8	1917	10	US-09-922-217-1105
7	215.6	2.8	1996	10	US-09-925-310-207
c	8	176.2	2.3	626	9 US-10-025-38-853
c	9	176.2	2.3	626	10 US-09-922-217-853
c	10	176.2	2.3	626	10 US-09-833-263-853
c	11	166	2.1	437	10 US-09-988-598-2216
c	12	163.8	2.1	499	10 US-09-998-598-2290
c	13	163.8	2.1	502	9 US-10-076-622-282
c	14	163.8	2.1	502	10 US-09-604-87A-282
c	15	163.8	2.1	502	12 US-10-007-805-282
c	16	163.8	2.1	502	10 US-09-988-598-32
c	17	148	1.9	451	10 US-09-701-4818
c	18	140.2	1.9	355	10 US-09-867-701-4818
c	19	132.2	1.7	563	9 US-10-025-380-944

ALIGNMENTS

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RESULT 1
US-09-964-824A-101
; Sequence 101, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatur
; TITLE OF INVENTION: SactB
; FILE REFERENCE: 639290-73
; CURRENT APPLICATION NUMBER: US/09/964, 824A
; CURRENT FILING DATE: 2001-09-27
; PRIORITY APPLICATION NUMBER: US/60/236, 032
; PRIORITY FILING DATE: 2000-09-28
; PRIORITY APPLICATION NUMBER: US/60/236, 032
; PRIORITY FILING DATE: 2000-09-28
; PRIORITY FILING DATE: 2000-09-28
; SOFTWARE: PatentIn version 3.0
; NUMBER OF SEQ ID NOS: 583
; SEQ ID NO 101
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-824A-101
Query Match 2.8%; Score 215.6; DB 10; Length 1915;
Best Local Similarity 65.6%; Pred. No. 4.3e-45; Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;
Sequence 101, App
Sequence 563, App
Sequence 3420, App
Sequence 192, App
Sequence 1105, App
Sequence 207, App
Sequence 853, App
Sequence 853, App
Sequence 2216, App
Sequence 2290, App
QY 6999 AGGTATTACTAACGGGAGTCCTCGAAGGGGATGCGCAGGGCTGCTCTACAAG 7058
Db 1119 AGGTACTACTAACCGGAGTCCTCGAAGGGGATGCGCAGGGCTGCTCTACAAG 1178
QY 7059 TTGGCAGAACCTAGGGTTGGAGGAAGAGAGGTGGAGAGAGTCGAAATRAGGA 7118
Db 1179 TTGGCAGAACCTAGGGTTGGAGGAAGAGGTGGAGAGTCGAAACTCGAGGG 1238
QY 7119 TCGGGCTGACGCCAGGACCTGACTCAGGCTGAACCTCCAGCTTCCTGGAA 7178
Db 1239 TGGAACTATACCGGGACCAACTCAGGACACTCGAGGCCCTGCAAACCTCCCTGGAA 1298
QY 7179 GACAGGCGGCTGACGGCCCCCTAACATGATGTTGTCCTGTTGTTGAGAG 7238

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RESULT 2

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Db 1299 GGACAGGCAGGCCAGATGG-CCCTTCACTGGGAATGTCCTCCACTGTGCTGTGAGAG 1357
Qy 723.9 GAAGAACCGCTGTGGGAGGCCCTTGTC--AGTCTCTAAGTCAGCCTTGCTC-- 7293
Db 1358 AAGCTGTATGTTGTTGTTGTAATGTCAGCCATGTCGTTGGACTCGAGACTATGCTGC 1417
Qy 7294 --TCTCTGGCCCTCTTGGAAATTACAGCCGGGTTGACCAACTTGTGA----- 7245
Db 1418 CTCCCCACCCCTCTTGGAAATTACAGCCGGGTTGACCAACTTGTGA----- 1477
Qy 7345 -----TAACTCTCCAGCTGTGATTCTCAGTCCAGTCCCTCGTCCAGCAACATGGACTGTCA 7397
Db 1478 AGTGTATCTCTTATCTGTGCTCTCAAACCCAGTCAGACATAATGGAGACA 1537
Qy 7398 ATGAGACCTGTTGGCGTGCCTGAACTGAGCTGGAGACTGTGCGAGA 7457
Db 1538 ACACCTGATGTTGGTGTATTGTCAGCCATCGCCCTGGACCTGGAGACATGGCTCGCA 1417
Qy 7458 GACTCAGGGACGGGGACAGGGTGTCTCTGG---TACTCTGGACTGCTTC 7513
Db 1596 GAGGACCGGTGATGGAGGAGCACAGACAGGGCTCAGCACCTCTTGTGAGCTGGGT 1655
Qy 7514 CACCTCTTGTCACTCAGACTCAGGCTCACAGACAGGGGTGGATA-TCCCTAATTATG 7572
Db 1656 CACCTCCCTCTCTGAGTCAGTGTGGCTCACGGCAGGGTCAGAGCACTCCATTATG 1715
Qy 7573 TGC--TATAATATTCAGGGTATAATAGAGCTATTTCATAAAGCATTCCTCC 7630
Db 1716 TGCTATATAATATGTCAGTGTCAATGATCTATTTCATAAACATTCCTCC 1775
Qy 7631 CTGCTCTTCCACTGAGTGTGG 7654
Db 1776 CACTCTCTCCCACAGAGTGTGG 1799

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RESULT 2

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US-09-964-824A-563
; Sequence 563, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964, 824A
; PRIOR APPLICATION NUMBER: US/60/236, 033
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/236, 033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236, 032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236, 028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 563
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-964-824A-563
Query Match 2.8%; Score 215.6; DB 10; Length 1915;
Best Local Similarity 65.6%; Pred. No. 4.3e-45; Mismatches 204; Indels 31; Gaps 8;
Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;

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RESULT 3

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US-09-880-107-3420
; Sequence 3420, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Schert, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5038-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 3420
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 U73843

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RESULT 3

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US-09-880-107-3420
Query Match 2.8%; Score 215.6; DB 10; Length 1915;
Best Local Similarity 65.6%; Pred. No. 4.3e-45; Mismatches 204; Indels 31; Gaps 8;
Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;

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Qy 6999 AGGTATTACTACAAACGGGAGATCTGGAACGGGGTGGATGCCAGGGTGTACAMG 7058
Db 1119 AGGTATTACTACAAACGGGAGATCTGGAACGGGGTGGATGCCAGGGTGTACAMG 1178
Qy 7059 TTGGCGAAGGAACTCTAGTGTCTGGAGGAAGGGTGGATGCCAGGGTGTACAMG 7118
Db 1179 TTGGCGAAGGAACTCTAGCCTGGAGGAAGGGTGTCTGGAGGTGTACAGTGTGGAGG 1238

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Query Match 2.8%; Score 215.6; DB 10; Length 1915;
 Best Local Similarity 65.6%; Pred. No. 4.3e-45; Indels 31; Gaps 8;
 Matches 449; Conservative 0; Mismatches 204;

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Qy	Db	7119 TCGGGCTGACCAGGAGCTGACTCTGGCATGAACTCCAGAAGCTGAAGCCTTCCTGAA 7178
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Qy	Db	7179 GGACAGGGGGCTGACGCCCTTAACATGGATGTTCCCTGTGTGCTGTAGAG 7238
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Qy	Db	7239 GGAGAACCTGTRGGCGTGGCCCTGTC--AGTCTCTAAGTGCAAGCCTTGCTC 7293
Qy	Db	1358 AAGCTGATGTTGGTATGTCAGGCATCGTCTGGACTCGGAGACTATGGCTCG 1417
Qy	Db	--TCTCTGGCTCTGGATTACAGCCCGGTTGAAACCAACTTTTCA 7345
Qy	Db	1418 CTCCCACCCCTCTCTGGTATGTCAGGCATCGGAGCTGAGTTAGCTGCA 1477
Qy	Db	7346 -----TAACTCTCGAGCTGTGATCCAGTCAGTCAGTCAGGAGCTATGGACTGCA 7397
Qy	Db	1478 AGTGTATCTCTTATCTGGTCTCTAACACCGACTCTCACAGACTTAATCGACA 1537
Qy	Db	7398 ATGAGAACCTTTGGGGGCGCTCTGC--AGTCTCTAAGTGAGCTGTCCTGCTG 7293
Qy	Db	1538 AAGCTGATGTTGGTATGTCAGGCCATGGAGGCTGGACTATGGCTCG 1417
Qy	Db	7458 GACTCGAGGAGGGGACAGGGTGTGCTCG 7513
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Qy	Db	7514 CACCTCTTGTGACTCTAGCTCAGCTCCAGAGACGGGGTGGATCA-TCCCTAATTATG 7572
Qy	Db	1656 CACCTCTTGTGACTCTAGCTCAGTCAGGAGGCTGGATCAACCTTGAGG 1715
Qy	Db	7573 TGC--TATAATATTCCGGTGTATAGAGACATTTTCTAAAGCATTCCTCC 7630
Qy	Db	1716 TGCTATAATAATGTCAAGTAGATCTTATTCTAAACATTCCTCC 1775
Qy	Db	7631 CTGCTCTCCACTGAGTGTGG 7654
Qy	Db	1776 CACTCTCTCCACAGAGTGTGG 1799

RESULT 4

US-09-967-768A-192

Sequence 192, Application US/03967768A

GENERAL INFORMATION:

APPLICANT: Meena

TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu

TITLE OF INVENTION: Sets

FILE REFERENCE: 68290-72

CURRENT APPLICATION NUMBER: US/09/967, 768A

CURRENT FILING DATE: 2001-09-28

PRIOR APPLICATION NUMBER: US/01/236, 109

PRIOR FILING DATE: 2000-09-28

PRIOR APPLICATION NUMBER: US/60/236, 034

PRIOR FILING DATE: 2000-09-28

PRIOR FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 325

SOFTWARE: PatentIn version 3.0

SEQ ID NO 192

LENGTH: 1915

TYPE: DNA

ORGANISM: Homo sapiens

US-09-967-768A-192

RESULT 5

US-10-025-380-1105

Sequence 1105, Application US/10025380

Publication No. US20020182191A1

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Lodes, Michael J.

APPLICANT: Secrist, Heather

APPLICANT: Benson, Darin R.

APPLICANT: Meagher, Madeleine Joy

APPLICANT: Stolk, John A.

APPLICANT: Wang, Tongtong

APPLICANT: Jiang, Yuqiu

APPLICANT: Smith, Carole L.

APPLICANT: King, Gordon E.

APPLICANT: Wang, Aijun

APPLICANT: Clapper, Jonathan D.

APPLICANT: Skeley, Yasir A. W.

APPLICANT: Fanger, Gary R.

APPLICANT: Verdick, Thomas S.

APPLICANT: Carrer, Barrick
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
 TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
 FILE REFERENCE: 210121.471C14
 CURRENT APPLICATION NUMBER: US/10/025, 380
 CURRENT FILING DATE: 2001-12-19
 NUMBER OF SEQ ID NOS: 1129
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 1105
 LENGTH: 1917
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-025-380-1105

Query Match 2.8%; Score 215, 6; DB 9; Length 1917;
 Best Local Similarity 65.6%; Pred. No. 4.3e-45;
 Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;

Qy 6999 AGGTATTACTACAAACGGGAGATCTGGACGGGGTGAATGCCAACGSGTCGTACAG 7058
 Db 1121 AGGTATTACTACAAACGGGAGATCTGGACGGGGTGAATGCCAACGSGTCGTACAG 1180

Qy 7059 TTGCGCAAGACTTAGTGCTGGAGAGAAGGGTTGAGAGAGCTGGAAATTAGGA 7118
 Db 1181 TTGCGCAAACACTCAGCGCCTGGAGAGGAAGGGTCTCCAGAGACTGGAAAGG 1240

Qy 7119 TCGGGGTGGACCCAGGACCTGACTCAGGGATGAACTCCAGAACTGAGACCTTGCTGGAA 7178
 Db 1241 TTGGAACTATACCGGGACCAACTCACGGACCACTCGAGGCTCAGAACCTTCCTGGAA 1300

Qy 7179 GGACGGGAGGCTTACGGGCCCCCTAACATGGATGCTCCAGCTGCTGGAGAG 7238
 Db 1301 GGACGGGAGGCTAACATGGATGCTCCAGCTGCTGGAGAG 1359

Qy 7239 GAAGAACCTTGGCGTGCCTCGC---AGTCCTCAAGTGAGCCTTGCCTC-- 7293
 Db 1360 AAGCTGATGTTGGTGTGTCGCCATGTCGGACTATGGCTCG 1419

Qy 7294 --TCTCTCCCTCTTGGATTAAAGGCGCCGGTTGACCACTTGTGCA----- 7345
 Db 1420 CTCCCACCTCTCTGGATTAAAGGCGCCGGTTGACCACTTGTGCA 1479

Qy 7346 -----TAACTCTCCAGCTGTAATCCAGTCCTCCGTCACATGGACTGCA 7397
 Db 1480 ATGTATCTCTTATCTGGCTCTCAACACCGTCAGACTAAAGGACA 1539

Qy 7398 ATGAGACCCACCTGAGTCCTGGCTCGCCAGGGAGCTGGAGACTGGCAGGA 7457
 Db 1540 ACACCTTCTCTGAGACACCTGGACTGGCCAGGGCTGG 1597

Qy 7458 GACTCAGGGAGGGAGGGAGGGTTGCTCTGG---TACTTCCTGACTGCCTC 7513
 Db 1598 GAGCACCGTGTGGAGGAGCACAGCAGGGCTCCAGCACCTTCGGGTT 1657

Qy 7514 CACCTCTTCTGAGACTGGCTCAGAGGGGGGGGAGATA-TGCCATTATAG 7572
 Db 1658 CACCTCTCTCTGAGCTGGCTTCACGGGAGGGTGTAGAGCTCCCTAATTAG 1717

Qy 7573 TGC---TATAATATTCAGCTGTATAGAGGCTTCTAACAGATTCCCTCC 7630
 Db 1718 TGCTATATAATATTCAGATGTACATAGAGATCTATTCTAAACATCCCTCC 1777

Qy 7631 CTGCTCTCTCCACTGAGTCCTGG 7654
 Db 1778 CACTCTCTCCACAGAGTCCTGG 1801

RESULT 5
 US-09-922-217-1105
 ; Sequence 1:05, Application US/09922217
 ; Pattern No. US2002007614A1
 ; GENERAL INFORMATION:
 ; APPLICANT: xu, Jiangchun

APPLICANT: Lodes, Michael J.
 TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
 FILE REFERENCE: 210121.471C13
 CURRENT APPLICATION NUMBER: US/09/922, 217
 CURRENT FILING DATE: 2001-08-03
 NUMBER OF SEQ ID NOS: 1124
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 1105
 LENGTH: 1917
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-922-217-1105

Query Match 2.8%; Score 215, 6; DB 10; Length 1917;
 Best Local Similarity 65.6%; Pred. No. 4.3e-45%; Indels 31; Gaps 8;
 Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;

Qy 6999 AGGTATTACTACAAACGGGAGATCTGGACGGGGTGAATGCCAACGSGTCGTACAG 7058
 Db 1121 AGGTATTACTACAAACGGGAGATCTGGACGGGGTGAATGCCAACGSGTCGTACAG 1180

Qy 7059 TTGCGAAAGACTTAGTGCTGGAGAGAAGGGTTGAGAGAGCTGGAA 7118
 Db 1181 TTGCGCAAACACTCAGCGCCTGGAGAGGAAGGGTCTCCAGAGACTGGAAAGG 1240

Qy 7119 TCGGGGTGGACCCAGGACCTGACTCAGGGATGCTCCAGCTGCTGGAAATTAGGA 7178
 Db 1241 TTGGAACTATACCGGGACCAACTCACGGACCACTCGAGGCTCAGAACCTTCCTGGAA 1300

Qy 7179 GGACGGGAGGCTTACGGGCCCCCTAACATGGATGCTCCAGCTGCTGGAGAG 7238
 Db 1301 GGACGGGAGGCTAACATGGATGCTCCAGCTGCTGGAGAG 1359

Qy 7239 GAAGAACCTTGGCGTGCCTCGC---AGTCCTCAAGTGAGCCTTGCCTC-- 7293
 Db 1360 AAGCTGATGTTGGTGTGTCGCCATGTCGGACTATGGCTCG 1419

Qy 7294 --TCTCTCCCTCTTGGATTAAAGGCGCCGGTTGACCACTTGTGCA----- 7345
 Db 1420 CTCCCACCTCTCTGGATTAAAGGCGCCGGTTGACCACTTGTGCA 1479

Qy 7346 -----TAACTCTCCAGCTGTAATCCAGTCCTCCGTCACATGGACTGCA 7397
 Db 1480 ATGTATCTCTTATCTGGCTCTCAACACCGTCAGACTAAAGGACA 1539

Qy 7398 ATGAGACCCACCTGAGTCCTGGCTCGCCAGGGAGGGAGCTGGCAGGA 7457
 Db 1540 ACACCTTCTCTGAGACACCTGGACTGGCCAGGGCTGG 1597

Qy 7458 GACTCAGGGAGGGAGGGAGGGAGGGTTGCTCTGG---TACTTCCTGACTGCCTC 7513
 Db 1598 GAGCACCGTGTGGAGGAGCACAGCAGGGCTCCAGCACCTTCGGGTT 1657

Qy 7514 CACCTCTTCTGAGACTGGCTCAGAGGGGGGGAGATA-TGCCATTATAG 7572
 Db 1658 CACCTCTCTCTGAGCTGGCTTCACGGGAGGGTGTAGAGCTCCCTAATTAG 1717

Qy 7573 TGC---TATAATATTCAGCTGTATAGAGGCTTCTAACAGATTCCCTCC 17630
 Db 1718 TGCTATATAATATTCAGATGTACATAGAGATCTATTCTAAACATCCCTCC 1777

Qy 7631 CTGCTCTCTCCACTGAGTCCTGG 7654

RESULT 7
 Db 1778 CACTCCCTCCCCACAGAGTCCTGG 1801
 ; Sequence 207, Application US/09925301
 ; Patent No. US20020052308A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA106
 ; CURRENT APPLICATION NUMBER: US/09/925,301
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05882
 ; PRIOR FILING DATE: 2000-03-08
 ; NUMBER OF SEQ ID NOS: 1694
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 207
 ; LENGTH: 1996
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-925-301-207

Query Match 2.8%; Score 215.6; DB 10; Length 1996;
 Best Local Similarity 65.6%; Pred. No. 4.4e-45;
 Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;

Qy 6999 AGGTATTAATCTAACAAACGGAGATCCCTGAAACGGTGTATGCCGCGAGGCTCTCTACAG 7058
 Db 1140 AGGTACTACTAACAAACGGAGATCCCTGAAACGGTGTATGCCGCGAGTCTGACAG 1199
 Qy 7059 TTGGCAAGACTCTAGTGCTGAGAGAGGGTTGGAGAGAGTCGGATTAGGA 7118
 Db 1200 TTTGGCAAAGACTAACGGCTGGAGAGAGGGTTCTCAGAGTCGAAGT 1259
 Qy 7119 TCGGGCGTGGACCGAGGACTCTAGCTAACCTCAGAACTCAGGACACTCAGGACCTCTCGGA 7178
 Db 1260 TTGGAACTATACCGGGACCAACTCACGGACACTCAGGACCTCTCGGA 1319

Qy 7179 GGACAGCAGCAGSCGCTGAGGCCCTAACATGGATGTTCCCTGTGTGCTGAAAGAG 7238
 Db 1320 GGACAGCAGGCCAGATGG-C-CCCCTTCACTGGGAAATCTCCAGCTGCTGAG 1378
 Qy 7239 GAGAACCTGTGGCTGCCCTGCG--AGTCTCTCAAGTGCGAGCTTGGCTC- 7293
 Db 1379 AAGCTATGTTGGTATTCAGCATGGCTGGACTCGGAACTATGGCCCTGCG 1438
 Qy 7294 -TCTCTCGCCCTCTGGAAATTACAAAGCCCCCGGTTGAACTCACTGTTGCA----- 7345
 Db 1439 CTCCCCACCTCTCTTGAATTACAAACCCCTGGTTGAACCTGACTTTAGCTCCA 1498
 Qy 7346 -----TAACTCTCCAGCTGTCGTTCCAGTCCTCCCTCCACATGACTGCAA 7397
 Db 1499 AGTGTATCTCTTATCTGGTCCTCTCAACACCAGTCAGACA 1558
 Qy 7398 ATCAGACCCACCTGGAGATGCCCTCAGCAAGGGCTGGAGACTGTGGCGAGA 7457
 Db 1559 ACACCTTCTCTGGACACCTGGACTGGCCAGGCCCTGGG-GAGGCCCTAGGG 1616

Qy 7458 GACTGCAAGGGAGGAGGAGCAGGGCTGGTCTCGG---TACTCTGGACTGCCCTC 7513
 Db 1617 GAGCACCCGTATGGAGAGGAGACAGAGGGCTCCAGCACCTCTTCTGGACTGCCCT 1676

Qy 7514 CACCTCTTGCTCAGTACTCAGCTCTGGCTCTGGCTGAGATCA-TCCCTAATTATG 7572
 Db 1677 CACCTCTTGCTCAGTCTGGCTCTGGCTCTGGCTGAGACCTCCCTAATTATG 1736

Qy 7573 TGC-TATAATTCTCAGGTATGGAGACTTTCTAACATTCCCTCC 7630
 Db 1737 TGCTTATAATPATGTCAAGATGATCTATTTCTAAACATCCCCCTCC 1796

RESULT 8
 Qy 7631 CTCCTCTCCACTGAGTGTGG 7654
 ; Sequence 853, Application US/10025380
 ; Publication No. US20020182191A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lodes, Michael J.
 ; APPLICANT: Secrist, Heather
 ; APPLICANT: Benson, Darin R.
 ; APPLICANT: Meagher, Madeleine Joy
 ; APPLICANT: Stolk, John A.
 ; APPLICANT: Wang, Tongrong
 ; APPLICANT: Jiang, Yuqiu
 ; APPLICANT: Smith, Carole L.
 ; APPLICANT: King, Gordon E.
 ; APPLICANT: Wang, Ajun
 ; APPLICANT: Clapper, Jonathan D.
 ; APPLICANT: Skeiky, Yasir A. W.
 ; APPLICANT: Fanger, Gary R.
 ; APPLICANT: Vedick, Thomas S.
 ; APPLICANT: Carter, Darrick
 ; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
 ; TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
 ; FILE REFERENCE: 210121-471C4
 ; CURRENT APPLICATION NUMBER: US/10/025,380
 ; CURRENT FILING DATE: 2001-12-19
 ; NUMBER OF SEQ ID NOS: 1129
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 853
 ; LENGTH: 626
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-025-380-853

Query Match 2.3%; Score 176.2; DB 9; Length 626;
 Best Local Similarity 85.6%; Pred. No. 3.2e-35;
 Matches 196; Conservative 0; Mismatches 33; Indels 0; Gaps 0;

Qy 4147 TCGAGAGGGAGCTGGACTAGCGAGGCCAGTTCCTGCTGAGACGCCAGGTCT 4206
 Db 622 TACAGAGAGGCCAGCTGGTGGGGACAGCCCCAGTCCTGTCGAGAACCCAGGTCT 563

Qy 4207 GAGGTGATCACTACCAAGGGAGGAAACAGTGTACCCAGCTCATGGACTTC 4266
 Db 562 GAGCTGGATCACTACCAAGGGAGGAAACAGTACGAGAACAGCTGAGCCATTTGACTCTC 503

Qy 4267 CCCTGCAACATGGACGGAGGACCCCTCTGGCTCTGGCTGGAGGAGCTGGCTAGT 4326
 Db 502 AGATGAGACATGGATGGCTGGAGACCAACCTCCATGCCAGCTCGGAGCTCTG 443

Qy 4327 CTTGGAACCTCTGGAGACCAACCTCCATGCCAGCTCGGAGCTCTG 4375
 Db 442 CTTGGAACCTCTGGGGACCAACTCCATGCCAGCTCGGAGCTCTG 394

RESULT 9
 US-09-922-217-853/c
 ; Sequence 853, Application US/09922217
 ; Patent No. US200207641A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Xu, Jiangchun
 ; APPLICANT: Lodes, Michael J.
 ; APPLICANT: Secrist, Heather
 ; APPLICANT: Benson, Darin R.
 ; APPLICANT: Meagher, Madeleine Joy
 ; APPLICANT: Stolk, John A.
 ; APPLICANT: Wang, Tongtong

APPLICANT: Jiang, Yuci
 APPLICANT: Smith, Carole Lynn
 APPLICANT: King, Gordon E.
 APPLICANT: Wang, Ajun
 APPLICANT: Clasper, Jonathan D.
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND METHODS FOR THEIR USE
 FILE REFERENCE: 210121.471C13
 CURRENT APPLICATION NUMBER: US/09/922,217
 NUMBER OF SEQ ID NOS: 1124
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 853
 LENGTH: 626
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-922-217-853

Query Match 2.3%; Score 176.2; DB 10; Length 626;
 Best Local Similarity 85.6%; Pred. No. 3.2e-35; Indels 0; Gaps 0;
 Matches 196; Conservative 0; Mismatches 33; Delins 0;

QY 4147 TGCAGAGAAGGCAAGCTGGACTAGCGAGGAGGCCAGTCTGGCAGACCCAGTCT 4206
 Db 622 TACAGAGAAAGGCCAGCTGGTGTGGAGAGAACAGCCAGCTTGTCGAATG 563

QY 4207 GGAGTGGATCAGTACCAAGCTGGAGAGAACAGTATGAGGCCAGCTCATCGACTTC 4266
 Db 502 ACAGATGTGACATGGATGGGCCACCTCTGCAATGTTGCCCCTGGAGCTGTCTG 443

QY 4327 CTTGGACCTCTGGAGACAGCTCCATGCCAGCTCGGACCTCACT 4375
 Db 442 CTTGGGCCCTCTGGGGACCACTCCATGCCAGCTGGAGACCTCACT 394

RESULT 10
 US-09-833-263-853/C
 Sequence 853, Application US/099313263

PATENT NO. US20020110547A1
 GENERAL INFORMATION:
 APPLICANT: Wang, Ajun
 APPLICANT: Clasper, Jonathan D.
 APPLICANT: Stolk, John A.
 APPLICANT: Meagher, Madeleine J.
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND METHODS FOR THEIR USE
 FILE REFERENCE: 210121.471C12
 CURRENT APPLICATION NUMBER: US/09/833, 263
 CURRENT FILING DATE: 2001-04-10
 NUMBER OF SEQ ID NOS: 1093
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 853
 LENGTH: 626
 TYPE: DNA
 ORGANISM: Homo sapien
 US-09-833-263-853

Query Match 2.3%; Score 176.2; DB 10; Length 626;
 Best Local Similarity 85.6%; Pred. No. 3.2e-35; Indels 0; Gaps 0;
 Matches 196; Conservative 0; Mismatches 33; Delins 0;

QY 4147 TGCAGAGAAGGCAAGCTGGACTAGCGAGGAGGCCAGTCTGGCAGACCCAGTCT 4206
 Db 622 TACAGAGAAAGGCCAGCTGGTGTGGAGAGAACAGCCAGCTTGTCGAATG 563

QY 4207 GGAGTGGATCAGTACCAAGCTGGAGAGAACAGTATGAGGCCAGCTCATCGACTTC 4266
 Db 502 ACAGATGTGACATGGATGGGCCACCTCTGCAATGTTGCCCCTGGAGCTGTCTG 443

QY 4327 CTTGGACCTCTGGAGACAGCTCCATGCCAGCTCGGACCTCACT 4375
 Db 442 CTTGGGCCCTCTGGGGACCACTCCATGCCAG 1

RESULT 12
 US-09-998-598-2290/C
 Sequence 2290, Application US/09998598
 PATENT NO. US20020115092A1
 GENERAL INFORMATION:
 APPLICANT: Stolk, John A.
 APPLICANT: Xu, Jianguchun
 APPLICANT: Chenault, Ruth A.
 APPLICANT: Meagher, Madeleine Joy
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
 FILE REFERENCE: 210121.561
 CURRENT APPLICATION NUMBER: US/09/998, 598
 CURRENT FILING DATE: 2001-11-16
 NUMBER OF SEQ ID NOS: 2606
 SOFTWARE: Corixa Invention Disclosure Database
 SEQ ID NO: 2216
 LENGTH: 437
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-998-598-2216

Query Match 2.1%; Score 166; DB 10; Length 437;
 Best Local Similarity 86.0%; Pred. No. 1.1e-32; Indels 0; Gaps 0;
 Matches 184; Conservative 0; Mismatches 30; Delins 0;

QY 4147 TGCAGAGAAGGCAAGCTGGACTAGCGAGGAGGCCAGTCTGGCAGACCCAGTCT 4206
 Db 214 TACAGAGAAAGGCCAGCTGGTGTGGAGAGAACAGCCAGCTTGTCGAATG 155

QY 4207 GGAGTGGATCAGTACCAAGCTGGAGAGAACAGTATGAGGCCAGCTCATCGACTTC 4266
 Db 154 GAATGGATCAGTACCAAGCTGGAGAGAACAGTATGAGGCCAGCTTGTCGAATG 95

QY 4207 CGCTGACATGGAGGCCACCTCTGCACTGAGCTGGCGCTGGAGAGCTGGCTAGT 4326
 Db 94 ACAGATGTGACATGGGCCACCTCTGCAATGTTGCCCCTGGAGGCTGTCTG 35

QY 4327 CTTGGACCTCTGGAGACAGCTCCATGCCAGCTCGGACCTCACT 4375
 Db 34 CTTGGGCCCTCTGGGGACCACTCCATGCCAG 1

RESULT 12
 US-09-998-598-2290/C
 Sequence 2290, Application US/09998598
 PATENT NO. US20020115092A1
 GENERAL INFORMATION:
 APPLICANT: Stolk, John A.
 APPLICANT: Xu, Jianguchun
 APPLICANT: Chenault, Ruth A.
 APPLICANT: Meagher, Madeleine Joy
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
 FILE REFERENCE: 210121.561
 CURRENT APPLICATION NUMBER: US/09/998, 598
 CURRENT FILING DATE: 2001-11-16
 NUMBER OF SEQ ID NOS: 2606
 SOFTWARE: Corixa Invention Disclosure Database
 SEQ ID NO: 2290
 LENGTH: 499
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-998-598-2290

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QY 6436 CTGAGCCGAGCCATGAGGT 6454
Db 438 ||||| ||||| ||||| |||||
CTGAGCCGAGCCATGAGGT 456

Search completed: March 15, 2003, 23:33:30
Job time : 726.817 secs